

Author to Archive

E-Publishing in The American Physical Society

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Focus on Article, in Three Stages

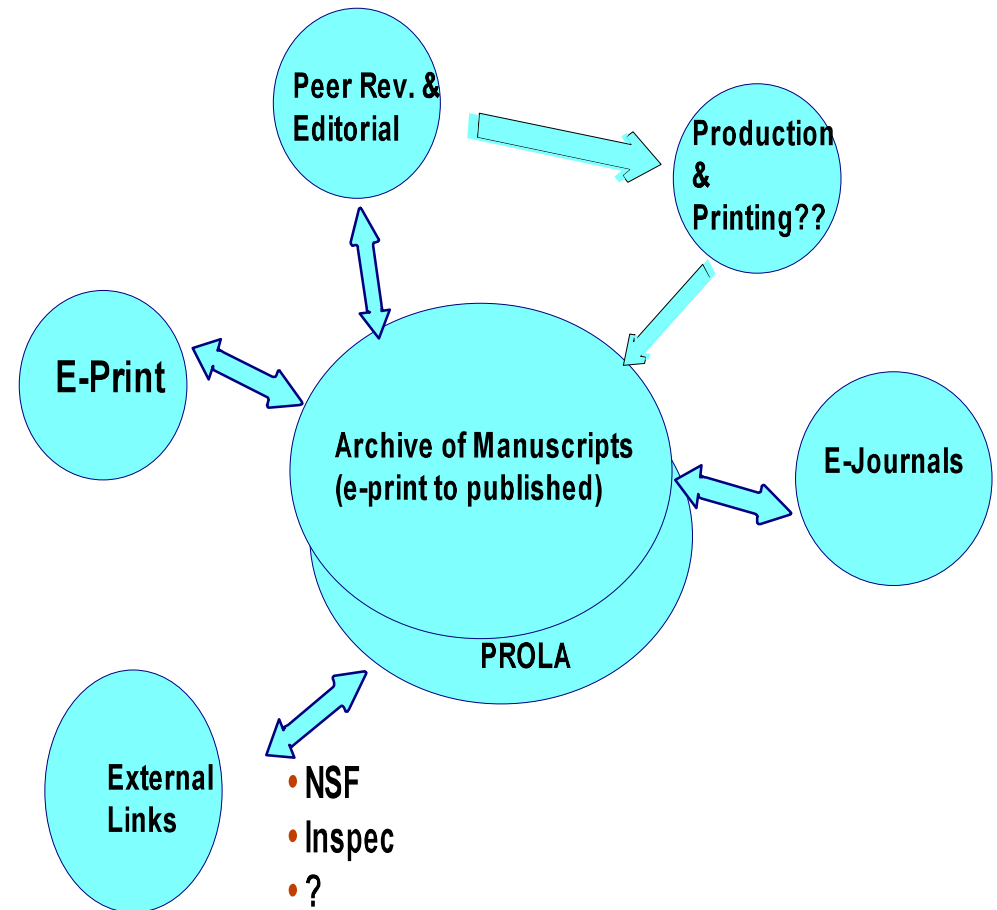
- A. Pre-Print (in Development)
- B. Peer Review & Editorial
- C. Published (in the Archive)

A & B need to be readable and can be managed with document management.

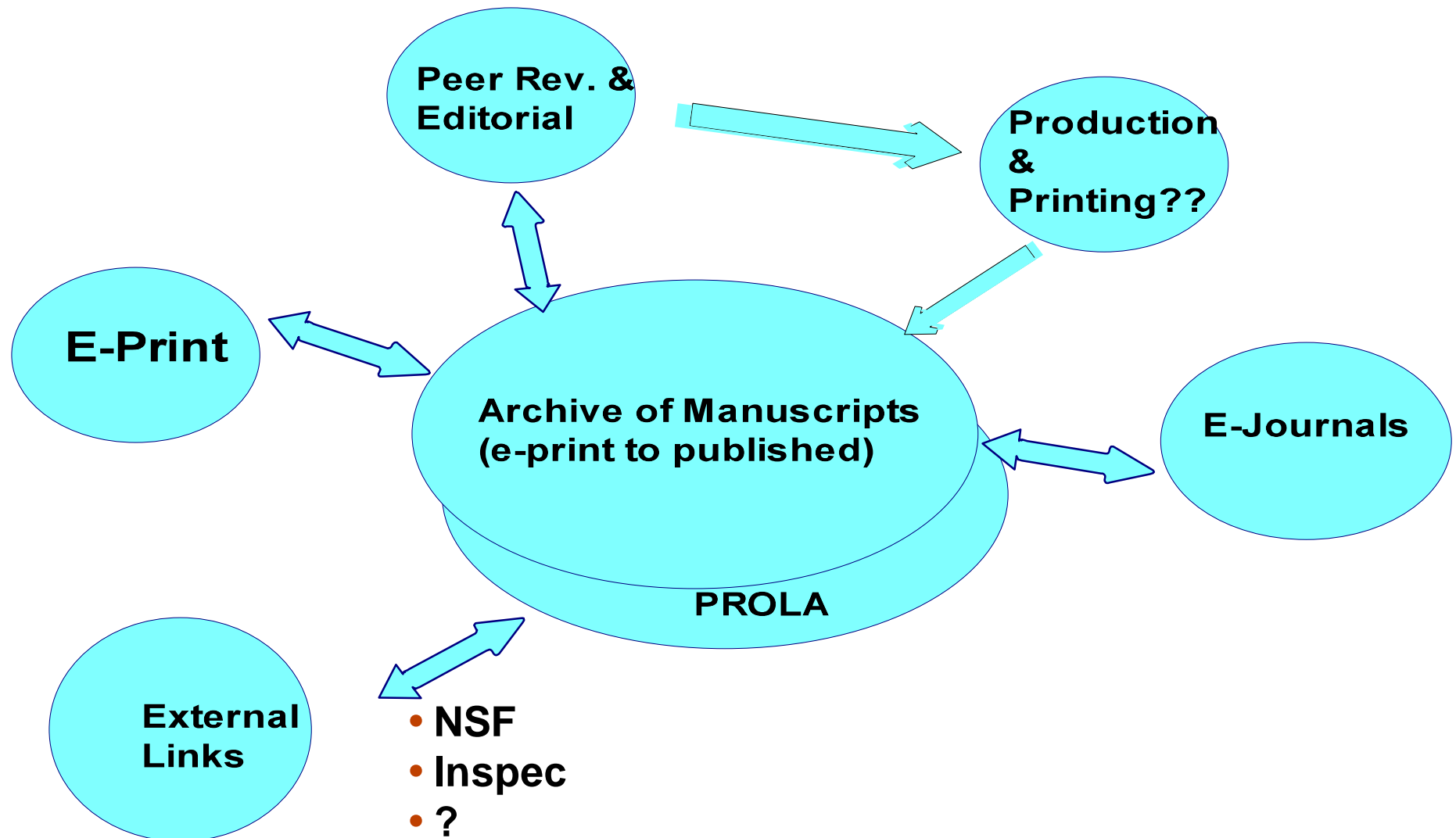
C should be capable of being available in different formats, searchable (from within and without) and linked (to and from).

Strategic Goals and Architecture

- Provide access to articles
- Facilitate the author to reader process
 - Faster
 - Less cost
- Prepare for the introduction of new technologies - appletts, multimedia, etc., that will expand the technical capability of the paper article

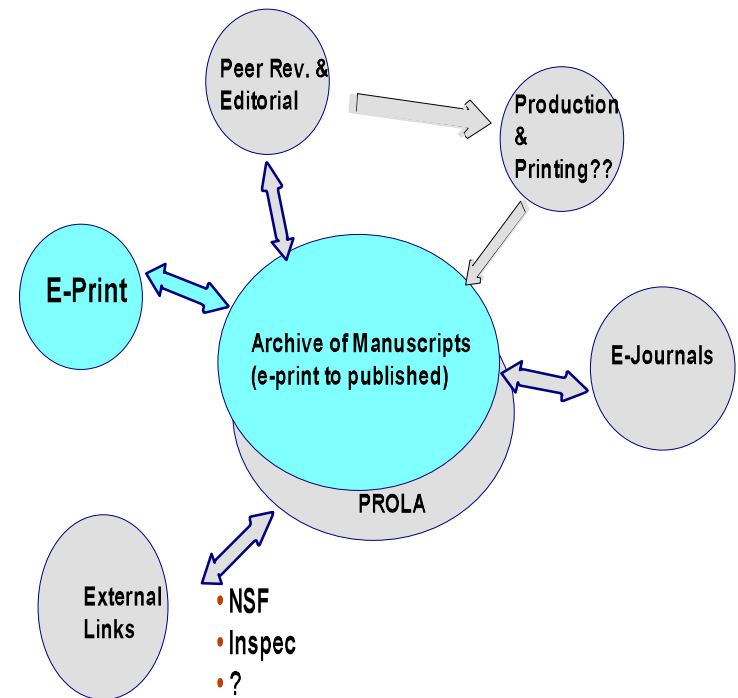


Application Architecture



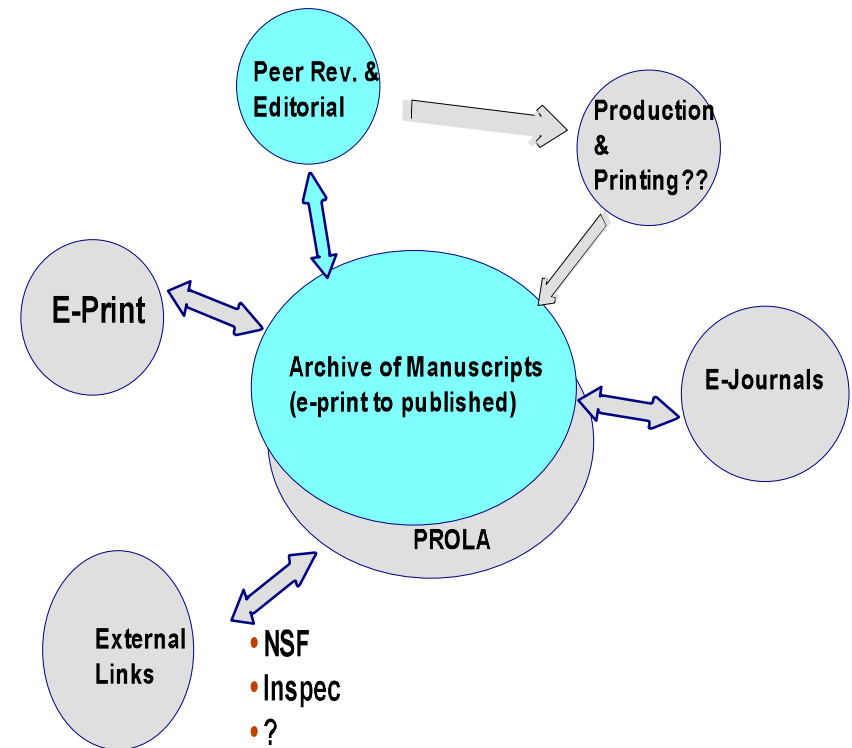
APS E-Print Server

- Available to all physicists and disciplines
- Complements XXX
- Prototype July 1, Version 1.0 Oct.1
- Multiple formats - pdf, tex, ps, etc.
- Input into APS Peer Review
- Future - add authoring tool
 - RevTex
 - WP templates
 - Paper Creation Wizard
 - Generate SGML
 - NetScape Navigator Gold Model



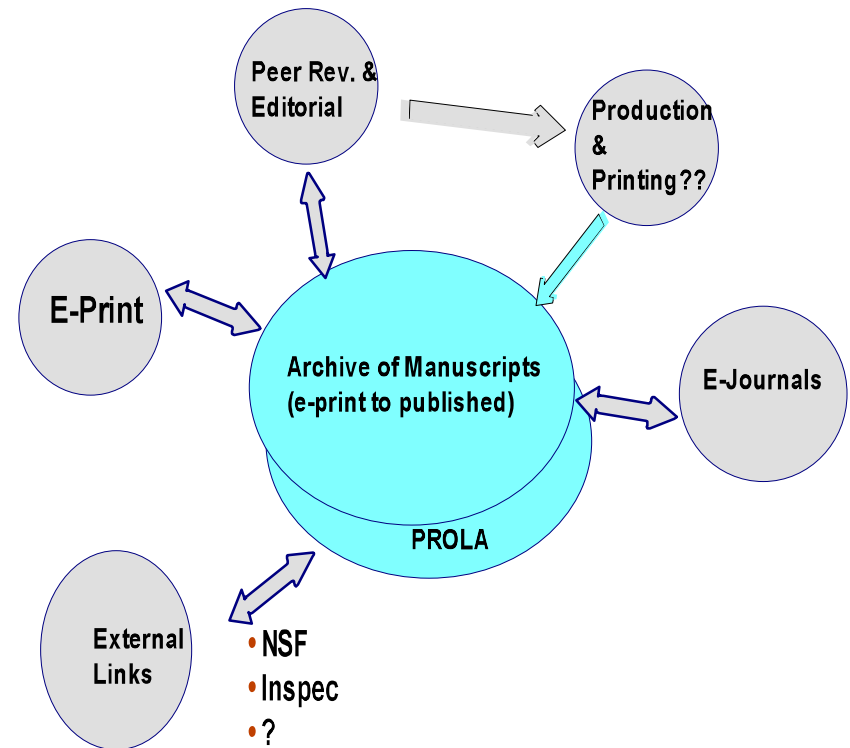
Re-engineer the Editorial Process

- Web based Intra and Internet
- Manage Editorial and Peer Review electronically and with electronic manuscripts
- 40K + authors, referees and editors
- Author Status Inquiry System an example
- Accepted articles converted, currently in production, to SGML and archived



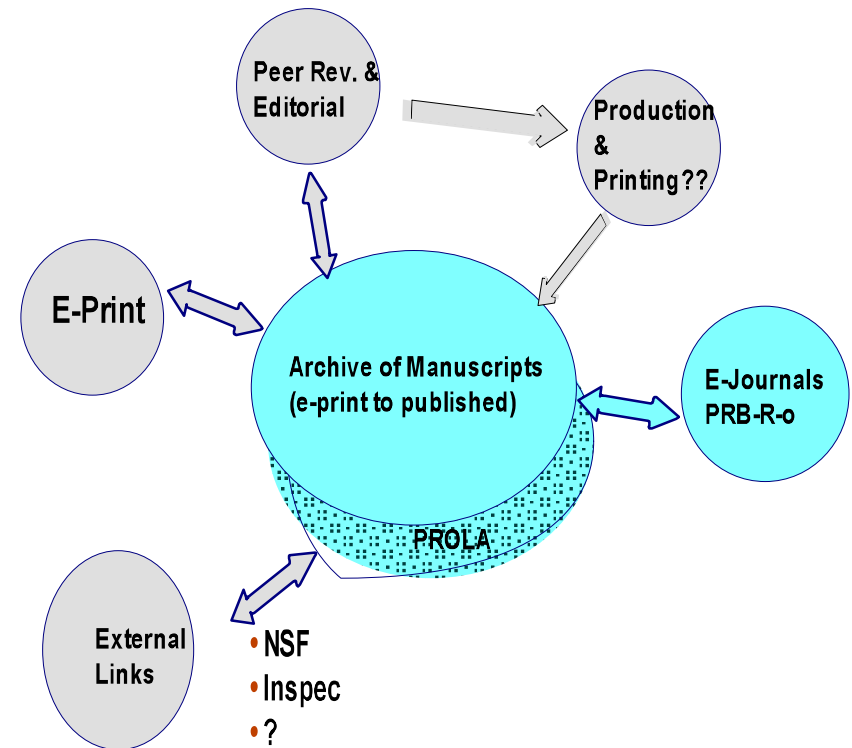
Archive

- SGML Source for E-Journal Offerings
- Link to Physical Review On-Line Archive (PROLA)
 - 10 + years of PR
 - Tool for Editors
 - Component of future service offerings



E-Journal Offerings

- PRL-o via OCLC
- PRB-R-o in-house July 1, 1997
- PRC-o, AIP, July 1, 1997
- Other formats
 - pdf, html, ps
- Searchable
- Linked - PROLA planned for PRB-R-o
- Other Navigation Techniques
 - Focus sessions



Summary

- APS committed to full electronic infrastructure
- Setting the stage for technical innovation
- Improve cycle time
- Reduce Cost